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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/930,972	08/17/2001	Tony Hashem	52493.000168	1833

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EXAMINER

TRUONG, LECHI

ART UNIT	PAPER NUMBER
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2126

DATE MAILED: 11/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/930,972

Applicant(s)

Tony Hashem

Examiner

LeChi Truong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☒ Interview Summary (PTO-413) Paper No(s). 10/02/2004.
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other:

DETAILED ACTION

1. Claims 1-18 are presented for examination. This is a supplemental office action.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1, 3-10, 12- 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Robbins et al (US. Patent 6,532,463 B1) in view of Velarde (US. Patent 5,696,966)

2. **As to claim 1**, Robbins teaches the invention substantially as claimed including: the client device (computer 10, col 4, ln 60-67/ col 7, ln 18-45/ Fig. 1), message tool for requesting a connection (connection intermediate to computers 10 and Web server 12, col 4, ln 65-67), sending a request string (supplying this information, col 7, ln 25-30), mainframe connection tools for creating a reference (button select one of the menu items/ enter a student identification number, col 7, ln 17-30), accessing result stored on the server(a book store may have a Web Server that allows customers and potential customers access to information, col 1, ln 28-33), a server object(Web Server, col 3, ln 20-30/ ln 45-65/10/20), interfacing for utilizing a server object (program on a web server to extract and format data from forms that are submitted from a Web Browser, col 5, ln 37-42), mainframe computer(col 3, ln 20-30/col 5, ln 15-20/ 35-45), sending the request string to the mainframe computer(upon the student supplying this

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information, the Web server pass it to mainframe 16, col 7, l n 25-30/ l n 35-45/ l n 55-67), receiving response from mainframe computer(send its back to the user via the web server, col 8, l n 20-27, a result received (the Web pages , col 8, l n 20-27), a main controller(the web control program, col 5, l n 15-20/ col 3, l n 10-30/ col 4, l n 1-5), a program for obtaining a result(a subroutine, col 3/ regacy subroutine, col 3, l n 20-25/ col 6, l n 5-15/ a CICS listener program such as supplied by IBM for use on the mainframe 16, col 55-67/EAGLE, col 7, l n 41-44)/ EAGLE subroutine, col 6, l n 6-11), a result(web page ,col 8, l n 20-27), set of tools (programs for performing above actions of client, server and mainframe. Client, server and mainframe must have a set of programs in order to perform actions above/ a set of development tools, col 6, l n 5-12).

3. Robbins does not explicit teach storage for the result. However, Velarde teaches storage for the result (service information is retrieved from the appropriate databases 30, 32 and 34 for storage in the mid-range database 20, col 4, l n 25-30).

4. It would have been obvious to one of the ordinary skill in the art at the time the invention was made to combine the teaching of Robbin and Velarde because storage in the mid-range database 20 would avoids repetitive processing, in the case of duplicate request or avoids the corrupting of a previous request due to a request that actually conflicts with a previous entered request.

5. **As to claim 3**, Robbins teaches identifying a result (col 3, l n 25-30), the mainframe (col 3, l n 25-30).

6. **As to claim 4**, Robbins teaches identifies one of a plurality searches (col 3, l n 30-35), policy data (col 3, l n 25-30).

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7. **As to claim 5**, Robbins teaches subcontroller (subroutine, col 3, ln 21-25).
8. **As to claim 6**, Robbins teaches the result is embedded in a response string (col 7, ln 28-30).
9. **As to claim 7**, Velarde teaches a non-zero value of the return code indicates an error (error message, col 4, ln 9-10).
10. **As to claim 8**, Robbins teaches the first four characters of the response string (state key is generated based on ID, col 3, ln 25-35).
11. **As to claim 9**, Velarde teaches the server storage (the mid-range database 20, col 4, ln 25-30).
12. **As to claims 10, 12-17**, they are apparatus claims of claims 1, 3-8; therefore, they are rejected for the same reasons as claims 1, 3-8 above.
13. **As to claim 18**, Robbins teaches error message (an error noted, col 8, ln 58-67).
14. Claims 2, 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Robbins et al (US. Patent 6,532,463 B1) in view of Velarde (US. Patent 5,696,966) and further in view of Hayne (US. Paten 6,510,468 B1).
15. **As to claim 2**, Robbins and Velarde do not teach the set of client tools, comprise a JAVA class. However, Hayne teaches the set of client tools, comprise a JAVA class (client 104 such as JAVA, col 5, ln 1-3/ ln 57-60).
16. It would have been obvious to one of the ordinary skill in the art at the time the invention was made to combine the teaching of Robbins, Velarde and Hayne because Hayne's client such

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as JAVA would provide an organization with the benefit of total flexibility connecting with a mainframe.

17. As to claim 11, it is an apparatus claim of claim 2; therefore, it is rejected for the same reason as claim 2 above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LeChi Truong whose telephone number is (703) 305 5312. The examiner can normally be reached on 8 - 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on 703-305-9678. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIP. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIP system, contact the Electronic Business Center (EBC) at 866-217-9197(toll-free).

LeChi Truong

November 16, 2004


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